

KR Electronics, Inc.

General Description

KR Electronics part number 2941-1 is a 60 MHz group delay equalized elliptic bandpass filter. The filter has a minimum 3 dB bandwidth of 40 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 60 MHz Center Frequency
- 40 MHz 3 dB Bandwidth
- Group Delay Equalized
- Sharp Transition to Stopband
- 50 Ω Source and Load
- SMA Connectors

Typical Performance

Overall Response (10 dB/div)

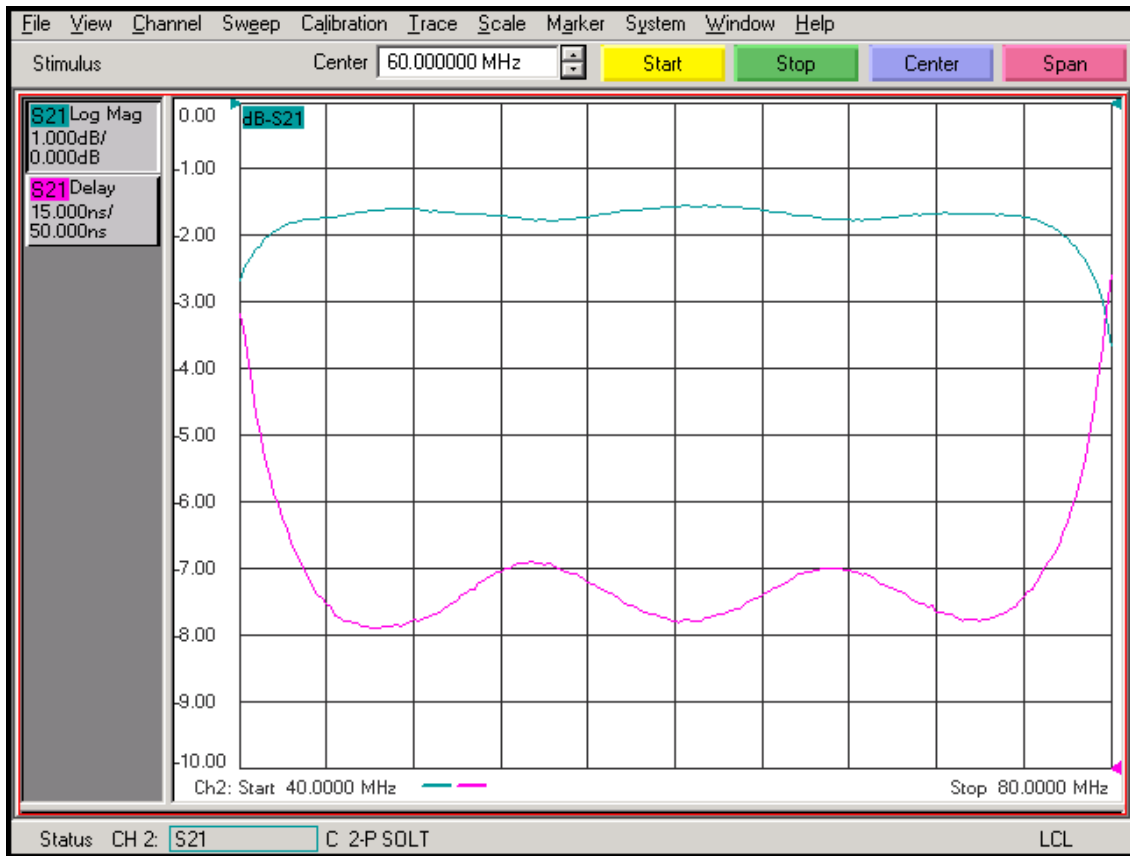


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Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 15 nsec/div)

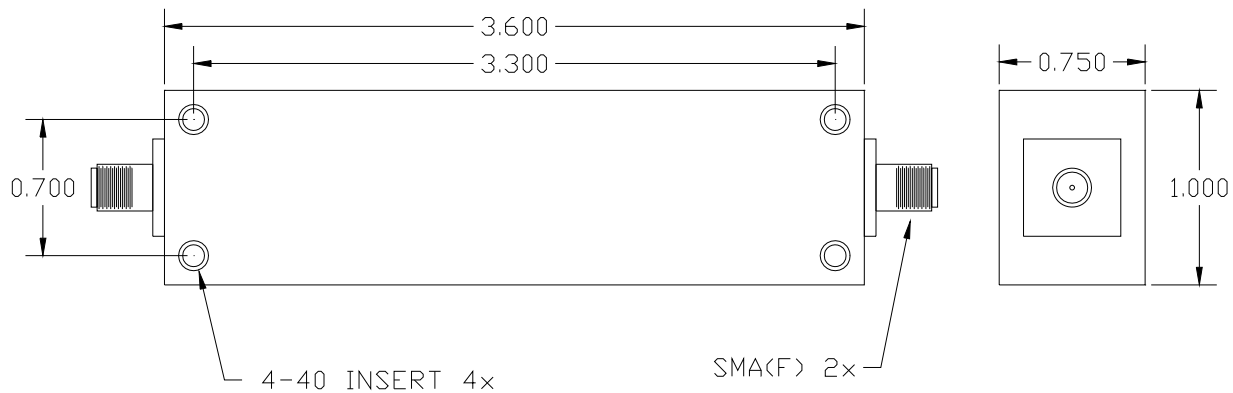


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Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	60 MHz
Insertion Loss	2.5 dB max
3 dB Bandwidth	40 MHz min
Rejection at 35 MHz & 85 MHz	40 dB min
Rejection at 30 MHz & 90 MHz	60 dB min
Group Delay Variation 44 MHz to 76 MHz	30 nsec max
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Rectangular Metal Case